Dot Detective

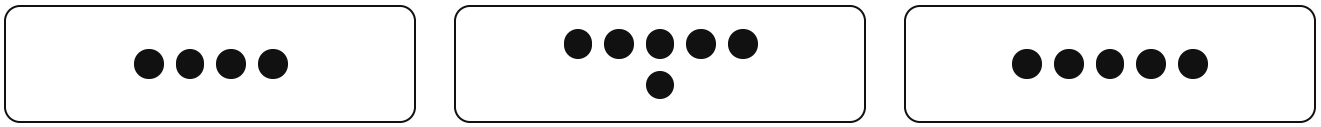
Combine and split groups of dots up to 10.

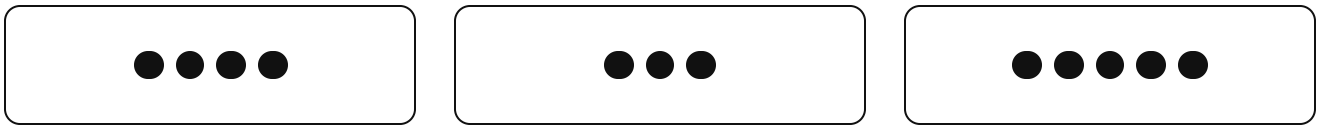
K.N.2 "Develop conceptual understanding with addition and subtraction (up to 10) using objects and pictures. Compose and decompose numbers up to 10 using objects and pictures."

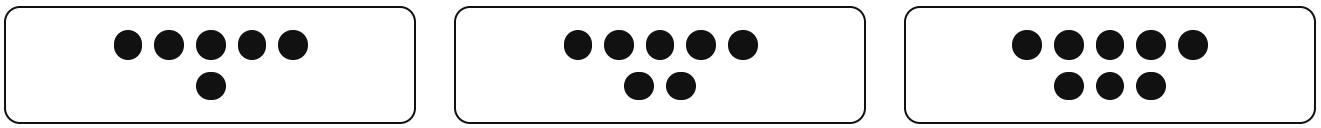
NAME _____ DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

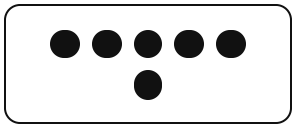
1 DOT STORIES

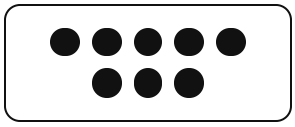
a 

b 

c 

2 SPLIT DOTS





ANSWER KEY # Dot Detective

HOW TO RUN THIS PAGE

Read the dot stories aloud and give students time to count. In the second part, students split printed dots into two groups and record the parts. Note any counting help separately from their answers.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 · DOT STORIES

SAY "Listen to each story. You can use your fingers to count. Circle the group of dots that answers the question."

ROW	SAY	STUDENTS CIRCLE
a	You have 2 dots. You get 3 more dots. How many dots do you have now?	**5 dots**
b	You have 7 dots. Take away 3 dots. How many dots are left?	**4 dots**
c	You have 4 dots. You get 3 more dots. How many dots do you have now?	**7 dots**

PART 2 · SPLIT DOTS

SAY "Look at the dots beside each box. Touch some dots, but not all of them. How many are you touching, and how many are you not touching? Write the two numbers in the box with a plus sign between them."

- Box 1 (beside 6 dots): **2+4**
- Box 2 (beside 8 dots): **3+5**

WHAT TO ACCEPT

Circle rows: 5, 4, 7 dots. For the boxes, accept any two positive numbers that add to 6 and 8, respectively, including the numbers in either order.